

09-21/01
JC914 U.S. PTO

09-21-01

PATENT

Docket Nos. R-00164 (BOE 0176 PA - H 1221 PUS)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION TRANSMITTAL LETTER FOR
NONPROVISIONAL PATENT APPLICATION [Under 37 C.F.R. 1.53(b)]

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09/96/013
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Certification under 37 CFR 1.10 (if applicable)

US

EL 852835807 US

September 21, 2001

Date of Deposit

EXPRESS MAIL mailing number

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Jo Anne Croskey

(Typed name of person mailing application)

Jo Anne Croskey
(Signature of person mailing application)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application, including 1 sheet(s) of drawings, of inventor(s):
Xiaojuen Yuan, Adrian Gilbert, Shih-Chang Wu, Christopher Whiteside, Walid Al-Bondak, Janaki R. Potukuchi

for: **SUBHARMONIC CARRIER-CANCELING BASEBAND/K UPCONVERTER SYSTEM**

The filing fee for this application is calculated below:

| | CLAIMS AS FILED | | |
|---------------------------|-----------------|-----------------|-----------------|
| | NUMBER FILED | NUMBER EXTRA | RATE |
| Basic Fee | | | \$710.00 |
| Total Claims | 14-20 = | 0 x | \$ 18.00 |
| Independent Claims | 4-3 = | 1 x | \$ 80.00 |
| Multiple Dependent Claims | 0 | + | \$270.00 |
| Assignment Recordal Fee | | + | \$ 40.00 |
| TOTAL FILING FEE : | | | \$790.00 |

Enclosed is a check in the amount of \$790.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, Deposit Account No. 50-0476 of Artz & Artz, P.C. of Southfield, Michigan:

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0476, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

This form is submitted in triplicate.

John A. Artz

John A. Artz, Attorney for Applicant(s)
Registration No. 25,824
Artz & Artz, P.C.
28333 Telegraph Road, Suite 250
Southfield, MI 48034

Send all correspondence to:

John A. Artz
Artz & Artz, P.C.
28333 Telegraph Road, Suite 250
Southfield, MI 48034